

Appl. No. 09/713,615

Response to Office Action of January 5, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A portable information processing terminal adapted to be connected to one or more than one targets by way of a network, said terminal comprising:

an imaging means for imaging visible identification information ~~possessed by~~ attached to the captured images of the targets;

an identification means for automatically identifying the targets on the basis of the identification information imaged by said imaging means;

a connection means for automatically identifying a connection path and establishing connection between itself and the targets identified by said identification means based on the imaged identification information; and

an image ~~confirmation display~~ means for ~~confirming displaying~~ the images of the targets including said identification information; and

said confirmation means displays status of connection to the one or more than one targets.

Claim 2 (canceled)

Claim 3 (currently amended): An information input/output system comprising:

a user terminal to be used by a user;

one or more than one targets connected to said user terminal in a format adapted to transfer of information and including visible identification information;

an identification means for automatically identifying the targets on the basis of the identification information imaged, the identification information being attached to captured images of the targets by said an imaging means; and

a connection means automatically identifying a connection path and for establishing connection between the user terminal and the targets identified by said identification means based on said identification information;

said user terminal includes a display screen; and

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the images and status of connection to the one or more than one targets taken by said imaging means is displayed on said display screen.

Claims 4-7 (canceled)

Claim 8 (original): The information input/output system according to claim 3, wherein said user terminal is connected to said targets by way of a network;

said targets have respective network addresses;

said information input/output system further comprising a data base means for controlling the correspondence between the identification information of each target and its network address; and

said connection means being adapted to connect the user terminal and the targets by referring to said data base means for the network address of each target corresponding to the identification information.

Claim 9 (original): The information input/output system according to claim 3, wherein

said connection means sustains the connection between the targets and said user terminal as long as the imaging means is imaging the targets or their identification information.

Claim 10 (canceled)

Claim 11 (previously presented): The information input/output system according to claim 3, wherein

said connection means sustains the connection between the targets and said user terminal as long as the targets identified by said identification means are displayed on said display screen.

Claim 12 (previously presented): The information input/output system according to claim 3, wherein

said images of the targets taken by said imaging means is held on said display screen as long as said connection means sustains the connection between the targets and said user terminal.

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Claim 13 (canceled)

Claim 14 (original): The information input/output system according to claim 3, wherein said user terminal has a storage means for storing the taken images of said targets identified by said identification means; and

said connection means establishes connection between said user terminal and relevant taken targets in response to the display of said image on said display screen.

Claims 15-17 (canceled)

Claim 18 (previously presented): The information input/output system according to claim 3, wherein

said user terminal has a user input means; and

said application means transfers the user input data input by using said user input means as user input data on a computer system, or a target, as long as said connection means sustains the connection between the computer system and the user terminal.

Claim 19 (previously presented): The information input/output system according to claim 3, wherein

said application means obtains the data to be shown from targets and display them on the display screen as long as said connection means sustains the connection between said targets including said data to be shown and updated regularly or irregularly and the user terminal.

Claim 20 (original): The information input/output system according to claim 3, wherein said application means receives alarms from a target, or a device having a alarm feature and execute said alarm on said user terminal as long as said connection means sustains the connection between the target and the user terminal.

Claim 21 (original): The information input/output system according to claim 3, wherein said application means transmits the video recording appointment information input at said user terminal to a target, or a video recording/reproduction apparatus having a video

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recording appointment feature so long as said connection means sustains the connection between said video recording/reproduction apparatus and the user terminal.

Claim 22 (previously presented): The information input/output system according to claim 3, wherein

said application means displays an image of operation for controlling remotely controllable targets on the display screen and transmit the user operation displayed on the display screen to the targets as long as said connection means sustain the connection between the target and the user terminal.

Claim 23 (currently amended): An information input/output method for processing user inputs/outputs in an information space comprising a user terminal to be used by a user and having a display screen;

one or more than one targets connected to said user terminal in a format adapted to transfer of information and including visible identification information, an identification means for identifying the targets on the basis of the identification information imaged by said imaging means, the identification information being attached to captured images of the targets, and a connection means for automatically identifying a connection path and establishing connection between the user terminal and the targets identified by said identification means based on said identification information; said method comprising:

(a) step of automatically identifying the targets on the basis of the identification information imaged by said imaging means;

(b) a step of establishing connection between the targets identified by said identification means and said user terminal; and

(c) displaying the images and status of connection to the one or more than one targets taken by said imaging means on said display screen.

Claim 24 (canceled)

Claim 25 (original): The information input/output method according to claim 23, wherein

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said user terminal and said targets are connected by a network; and

said targets have respective network addresses; whereas

said information space is provided with a data base means for controlling the correspondence between the identification information of each target and the network address; and

connection to said targets is realized by referring to said data base means for the network address of each target corresponding to the identification information in said step (b) of establishing connection.

Claim 26 (original): The information input/output method according to claim 23, wherein the connection between the targets and said user terminal is sustained as long as the imaging means is imaging the targets or their identification information in said step (b) of establishing the connection.

Claim 27 (previously presented): The information input/output method according to claim 23, wherein

the connection between the targets and said user terminal is sustained as long as the targets identified by said identification means are displayed on a display screen in said step (b) of establishing the connection.

Claim 28 (previously presented): The information input/output method according to claim 23, wherein

said images of the targets are held on a display screen as long as said connection means sustains the connection between the targets and said user terminal.

Claim 29 (previously presented): The information input/output method according to claim 23, wherein

said user terminal has a storage means for storing the taken images of said targets identified by said identification means; and

said step (b) is executed to establish connection established between said user terminal and relevant taken targets in response to the display of said image on said display screen.

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Claim 30 (previously presented): The information input/output method according to claim 23, wherein

said user terminal has a storage means for storing the taken images of said targets identified by said identification means; and

said step (b) is executed to establish connection between said user terminal and relevant taken targets in response to the selection of said image from said displayed images.

Claims 31-32 (canceled)

Claim 33 (previously presented): The information input/output method according to claim 23, wherein

said user terminal has a user input means; and

the user input data input by using said user input means can be transferred as user input data on a computer system, or a target, as long as the connection between the computer system and the user terminal is sustained in said application step (d).

Claim 34 (previously presented): The information input/output method according to claim 23, wherein

data to be shown can be obtained from the target and displayed on the display screen as long as the connection between said targets including said data to be shown and updated regularly or irregularly and the user terminal is sustained in application step (d).

Claim 35 (original): The information input/output method according to claim 23, wherein the alarms are received from a target and executed on said user terminal as long as the connection between a device having an alarm feature, or a target, and the user terminal is sustained in said application step (d).

Claim 36 (original): The information input/output method according to claim 23, wherein the video recording appointment information input at said user terminal to a video recording/reproduction apparatus having a video recording appointment feature, or a target, is

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transmitted to the target so long as the connection between said video recording/reproduction apparatus and the user terminal is sustained in said application step (d).

Claim 37 (previously presented): The information input/output method according to claim 23, wherein

an image of operation for controlling remotely controllable targets is displayed on the display screen and the user operation displayed on the display screen can be transmitted to the targets as long as said the connection between the target and the user terminal is sustained in said application step (d).

Claim 38 (currently amended): An information input/output system comprising:
a user terminal to be used by a user;

one or more than one targets connected to said user terminal in a format adapted to transfer of information and including visible identification information;

an identification means for automatically identifying the targets on the basis of the identification information imaged by said imaging means, the identification information being attached to captured images of the targets; and

a connection means for automatically identifying a connection path and establishing connection between the user terminal and the targets identified by said identification means based on said identification information; wherein

said application means transmits the video recording appointment information input at said user terminal to a target, or a video recording/reproduction apparatus having a video recording appointment feature so long as said connection means sustains the connection between said video recording/reproduction apparatus and the user terminal.

Claim 39 (currently amended): An information input/output method for processing user inputs/outputs in an information space comprising a user terminal to be used by a user;

one or more than one targets connected to said user terminal in a format adapted to transfer of information and including visible identification information; an identification means for identifying the targets on the basis of the identification information imaged by said imaging means, the identification information being attached to captured images of the targets and a

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connection means for automatically identifying a connection path and establishing connection between the user terminal and the targets identified by said identification means based on said identification information; said method comprising:

(a) step of identifying the targets on the basis of the identification information imaged by said imaging means; and

(b) a step of establishing connection between the targets identified by said identification means and said user terminal;

wherein the video recording appointment information input at said user terminal to a video recording/reproduction apparatus having a video recording appointment feature, or a target, is transmitted to the target so long as the connection between said video recording/reproduction apparatus and the user terminal is sustained in said application step (d).